State Office AML Workplan Template

General Instructions

Each State Office is to complete a workplan for their AML program activities. State Offices should work with their Field Offices in development of AML workplans. State Offices with multiple States under their jurisdiction should submit a combined plan for their States. State Offices are requested to use the template for consistency in scope and format. WO intends to compile all state plans as part of the national AML program strategy. For that reason, please keep plans to 5-7 pages, thereby keeping the bureau-wide compilation in range of 55-65 pages. State Offices are encouraged to provide more details about their AML program background and activities in other ways, such as on their web pages.

Section Instructions

Summary
Provide a succinct paragraph highlighting significant mining areas and commodities. Complete the statistical summary on numbers of known sites, priority watersheds and project status.

AML Watershed Projects
Highlight your AML watershed projects. Be sure to explain how you selected the watersheds in which you are working. Most of the data needed for Table 1 can be derived from the Abandoned Mine Module (AMM) database and the Budget Planning System.

AML Physical Safety Sites
Highlight your AML physical safety activities. Be sure to explain how you selected the high use areas in which you are working. Most of the data needed for Table 2 can be derived from the Abandoned Mine Module database and the Facility Management Information System.

Workload Targets
Make your best estimates for the program element planning targets based on underlying site, feature, and project information in AMM.

Maps
Provide separate maps depicting your AML watershed and physical safety hazard projects and activities showing locations of priority watersheds and high use areas. Use ArcGIS 9 to develop and annotate maps.

[State Office]

Period: FY 2007 – FY 2013

Summary

Significant mining areas in (State) are:
Commodities mined were primarily (……..).

BLM (State) currently has an inventory of (#) known abandoned hardrock mines on public lands. This inventory includes (#) mines that may impact water resources within (#) priority watersheds; over (#) sites likely pose physical safety hazards. To date, (#) water quality projects, including (#) sites have been remediated. (#) sites with physical safety hazards have been remediated.

AML Watershed Projects

There are (#) abandoned mines on public lands in (State) that have possible impacts on water quality of (#) priority water sheds. These impacts include [provide examples, such as acidic metal laden drainage from mine openings and dumps, mine wastes in stream channels, and erosion of mine wastes into waterways]. The (#) highest priority watersheds impacted by abandoned mines on public lands include, in priority order, the (Watershed Names). Work is underway in (number) watersheds, involving (#) of priority watershed projects.

The watersheds were prioritized on the basis of assessment undertaken by the (State Agency). Prioritization of the water-quality impacted AML sites was accomplished using (data sets e.g., toxic metal concentration in water, sediment, or biota or other physical measurement). [Explain how the watersheds were identified and prioritized for those involving BLM AML projects, e.g., the State, BLM, the Forest Service and EPA met in 1998 to collaborate on watershed priorities. Watershed priorities reflect mutual agreement. Highlight any public participation that occurred.]

Table 1.

Priority Watershed Projects							
WATERSHED	PROJECTS FUNDED/ PLANNED	# AMM Sites	FY START	FY FINISH	EST TOTAL COST	EST BLM PORTION	KEY PARTNERS
1. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
2. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
3. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
4. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
5. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
6. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
7. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
8. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
9. (Name)	(Project Names)	# sites in the project				BPS (est. $)	
10. (Name)	(Project Names)	# sites in the project				BPS (est. $)	

AML Physical Safety Sites

Over (#) high-risk mine openings have been identified on BLM managed lands in (State). The majority of these sites are within the jurisdiction of (#) BLM field offices. The most significant type of mine hazard feature is (type) remaining at AML sites in (Identify applicable Recreation/High Use Area). This area has high use for (type recreational activity – e.g., hunting/motocross). ($$ Estimate) will be required to remediate this type of mine hazard. These mines also have significant disturbed surface areas and mine wastes that require regrading, capping and revegetation.

Remediation at key sites is guided by focused inventory assessments starting with those site clusters in closest proximity to sites with high public exposure

Table 2

Priority Physical Safety Hazard Sites					
RECREATION AND HIGH USE AREAS	**# OF AMM SITES**	**FY START**	**FY FINISH**	**EST BLM COST**	**KEY PARTNERS**
1. (Name)	(Project Names)			BPS (est. $)	
2. (Name)	(Project Names)			BPS (est. $)	
3. (Name)	(Project Names)			BPS (est. $)	
4. (Name)	(Project Names)			BPS (est. $)	
5. (Name)	(Project Names)	# sites in the project			
6. (Name)	(Project Names)	# sites in the project			
7. (Name)	(Project Names)	# sites in the project			
8. (Name)	(Project Names)	# sites in the project			
9. (Name)	(Project Names)	# sites in the project			
10. (Name)	(Project Names)	# sites in the project			

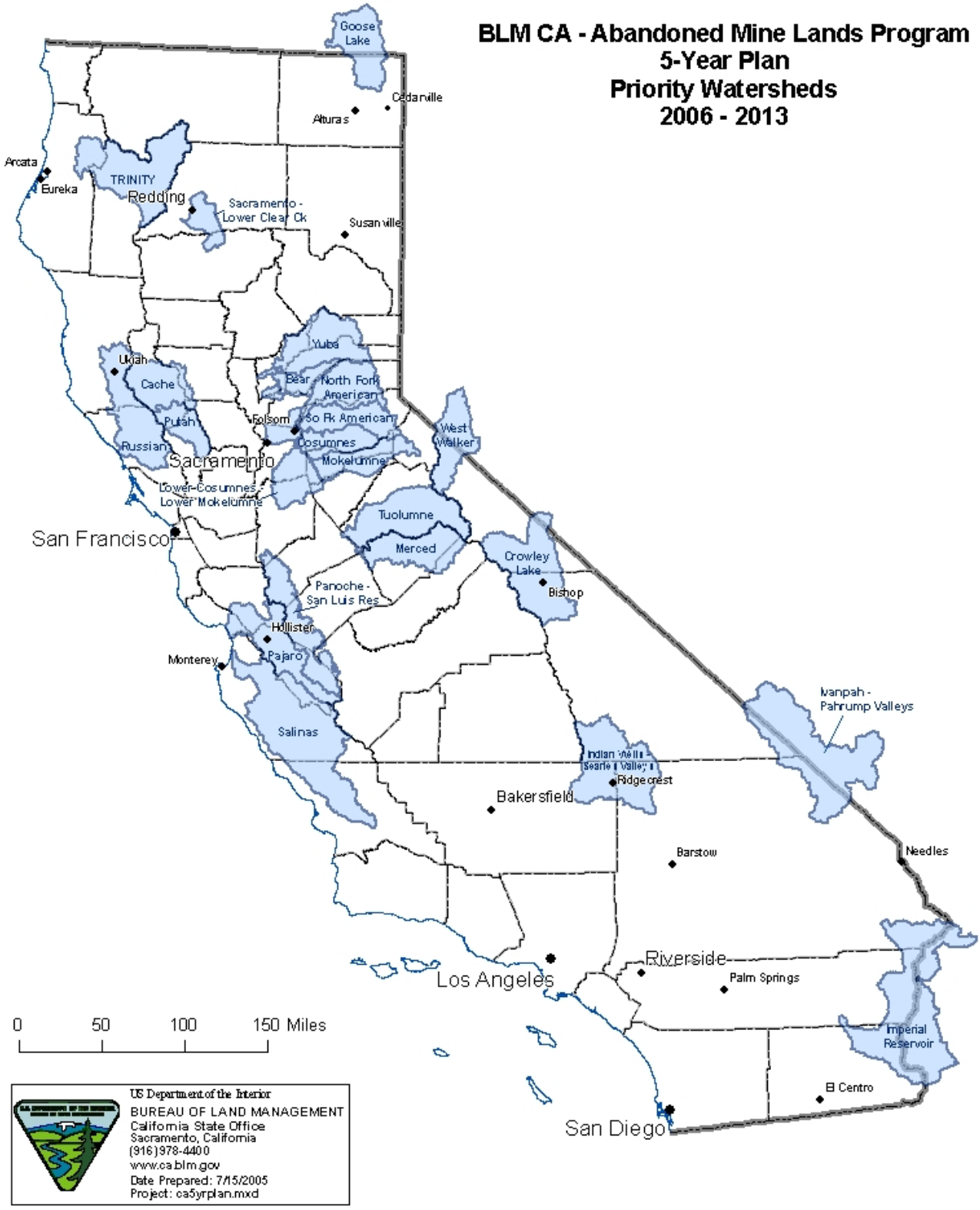
Table 3. Workload Targets

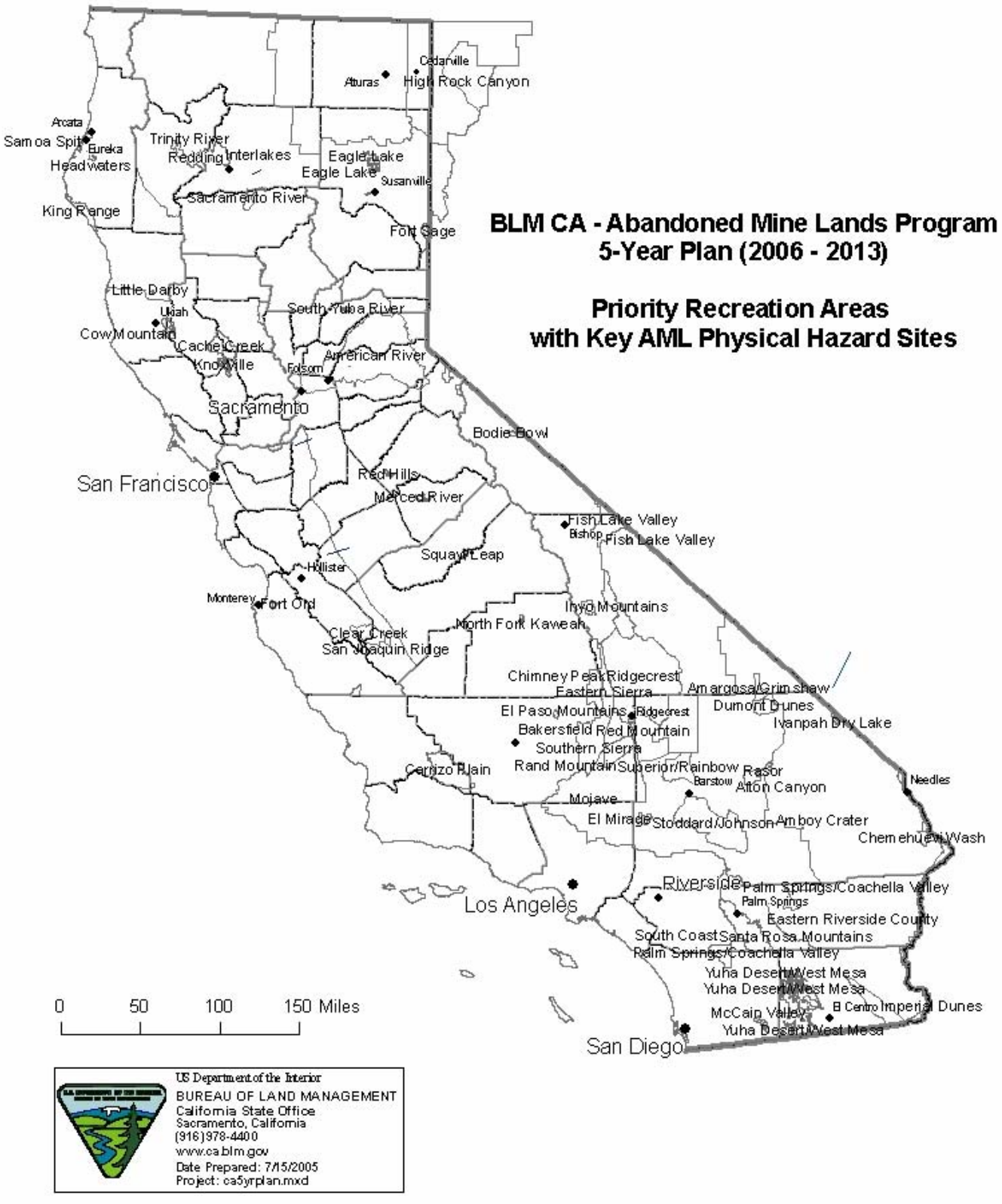
PE	Description	(FY07)	(FY8)	(FY09)	(FY10)	(FY11)	(FY12)	(FY13)	Total
BH	Inventory Abandoned Mine Land sites	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	
HP	Abandoned Mine Land with Physical Safety Hazards Mitigated/Remediated (number of sites).	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	
JK	Implement AML projects- restore water quality	(Acres)	(Acres)	(Acres)	(Acres)	(Acres)	(Acres)	(Acres)	
NP	Evaluate PRP's for Cost Avoidance/Recovery	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	
NQ	Process Hazmat Cost Avoidance / Cost Recovery Cases	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	

For specific details on planned, ongoing and completed projects, go to the BLM (State) AML web site at (http://www. BLM (State) AML website.htm).

Key AML Contacts

(Name)
(State Office)
(Address)
(Phone)
(Email Address)


BLM CA - Abandoned Mine Lands Program
5-Year Plan
Priority Watersheds
2006 - 2013
Goose Lake
Cedarville
Alturas
Arcata
Eureka
TRINITY
Redding
Sacramento - Lower Clear Ck
Susanville
Yuba
Ukiah
Cache
Bear - North Fork American
Putah
Folsom
So Fk American
West Walker
Russian
Sacramento
Cosumnes
Mokelumne
Lower Cosumnes
Lower Mokelumne
San Francisco
Tuolumne
Merced
Crowley Lake
Bishop
Panoche - San Luis Res
Hollister
Pajaro
Monterey
Salinas
Ivanpah - Pahrump Valleys
Indian Wells - Searles Valley
Ridgecrest
Bakersfield
Barstow
Needles
Riverside
Palm Springs
Los Angeles
Imperial Reservoir
El Centro
San Diego
0
50
100
150 Miles
US Department of the Interior
BUREAU OF LAND MANAGEMENT
California State Office
Sacramento, California
(916)978-4400
www.ca.blm.gov
Date Prepared: 7/15/2005
Project: ca5yrplan.mxd


BLM CA - Abandoned Mine Lands Program
5-Year Plan (2006 - 2013)
Priority Recreation Areas
with Key AML Physical Hazard Sites
Cedarville
Alturas
High Rock Canyon
Arcata
Samoa Spit
Eureka
Headwaters
Trinity River
Redding
Interlakes
Eagle Lake
Eagle Lake
Susanville
Sacramento River
King Range
Fort Sage
Little Darby
Ukiah
Cow Mountain
Cache Creek
Knoxville
South Yuba River
American River
Folsom
Sacramento
Bodie Bowl
San Francisco
Red Hills
Merced River
Fish Lake Valley
Bishop
Fish Lake Valley
Squaw Leap
Hollister
Monterey
Fort Ord
Inyo Mountains
North Fork Kaweah
Clear Creek
San Joaquin Ridge
Chimney Peak
Ridgecrest
Eastern Sierra
Amargosa/Grimshaw
Dumont Dunes
El Paso Mountains
Ridgecrest
Ivanpah Dry Lake
Bakersfield
Red Mountain
Southern Sierra
Rand Mountain
Superior/Rainbow
Cerrizo Plain
Razor
Barstow
Alton Canyon
Needles
Mojave
El Mirage
Stoddard/Johnson
Amboy Crater
Chemehuevi Wash
Riverside
Palm Springs/Coachella Valley
Palm Springs
Los Angeles
Eastern Riverside County
South Coast
Santa Rosa Mountains
Palm Springs/Coachella Valley
Yuha Desert/West Mesa
Yuha Desert/West Mesa
McCain Valley
El Centro
Imperial Dunes
Yuha Desert/West Mesa
San Diego
0
50
100
150 Miles
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